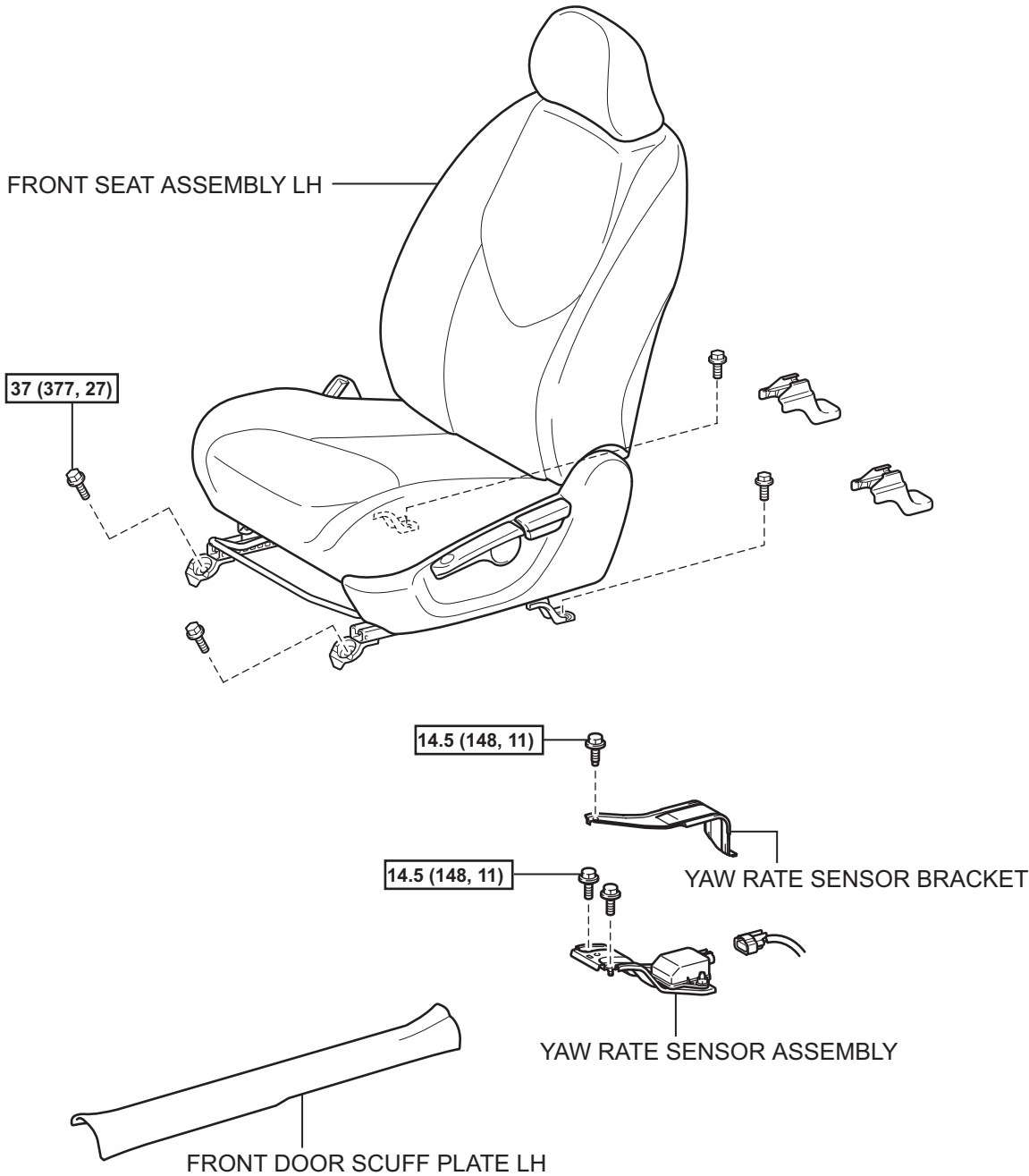


# YAW RATE AND DECELERATION SENSOR

## COMPONENTS

BC



N\*m (kgf\*cm, ft.\*lbf) : Specified torque

## REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE FRONT SEAT ASSEMBLY LH**

(a) for Manual Seat:

Remove the front seat LH (see page [SE-11](#)).

(b) for Power Seat:

Remove the front seat LH (see page [SE-27](#)).

3. **REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-26](#))**

4. **REMOVE YAW RATE SENSOR BRACKET**

(a) Remove the bolt and yaw rate sensor bracket.

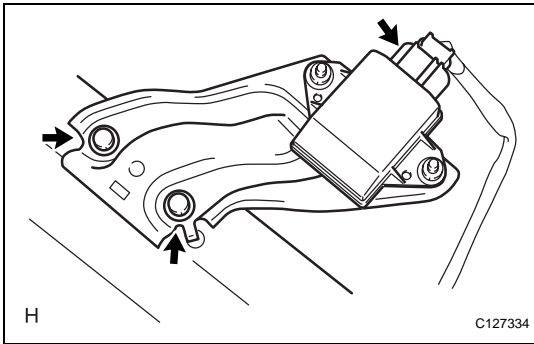
5. **REMOVE YAW RATE SENSOR ASSEMBLY**

(a) Disconnect the yaw rate sensor connector.

(b) Remove the 2 bolts and yaw rate sensor.

**NOTICE:**

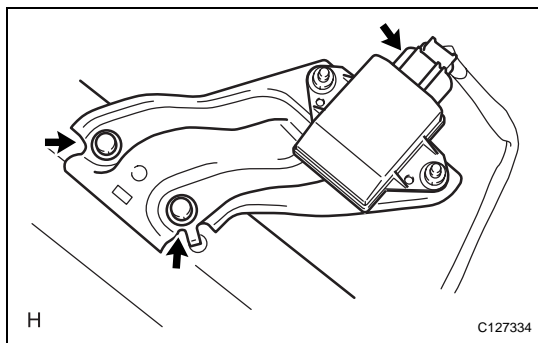
Do not remove the sensor from the bracket.



## INSPECTION

### 1. INSPECT YAW RATE SENSOR

- (a) Inspect the yaw rate sensor. If any of the following occurs, replace the yaw rate sensor with a new one.
- The surface of the sensor is cracked, dented, or chipped.
  - The connector or wire harness is scratched, cracked, or damaged.
  - The sensor has been dropped.



## INSTALLATION

### 1. INSTALL YAW RATE SENSOR ASSEMBLY

- (a) Install the yaw rate sensor with the 2 bolts.

**Torque: 14.5 N\*m (148 kgf\*cm, 11 ft.\*lbf)**

**NOTICE:**

- Do not damage the yaw rate sensor.
- Make sure that the yaw rate sensor is installed securely.

- (b) Connect the yaw rate sensor connector.

### 2. INSTALL YAW RATE SENSOR BRACKET

- (a) Install the bracket with the bolt.

**Torque: 14.5 N\*m (148 kgf\*cm, 11 ft.\*lbf)**

### 3. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-59](#))

### 4. INSTALL FRONT SEAT ASSEMBLY LH

- (a) for Manual Seat:  
Install the front seat (see page [SE-22](#)).
- (b) for Power Seat:  
Install the front seat (see page [SE-37](#)).

### 5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

### 6. PERFORM ZERO POINT CALIBRATION OF YAW RATE AND DECELERATION SENSOR

- (a) Perform the yaw rate and deceleration sensor zero point calibration (see page [BC-24](#)).

### 7. INSPECT YAW RATE SENSOR SIGNAL

- (a) Inspect the yaw rate sensor signal (see page [BC-28](#)).